

1/15

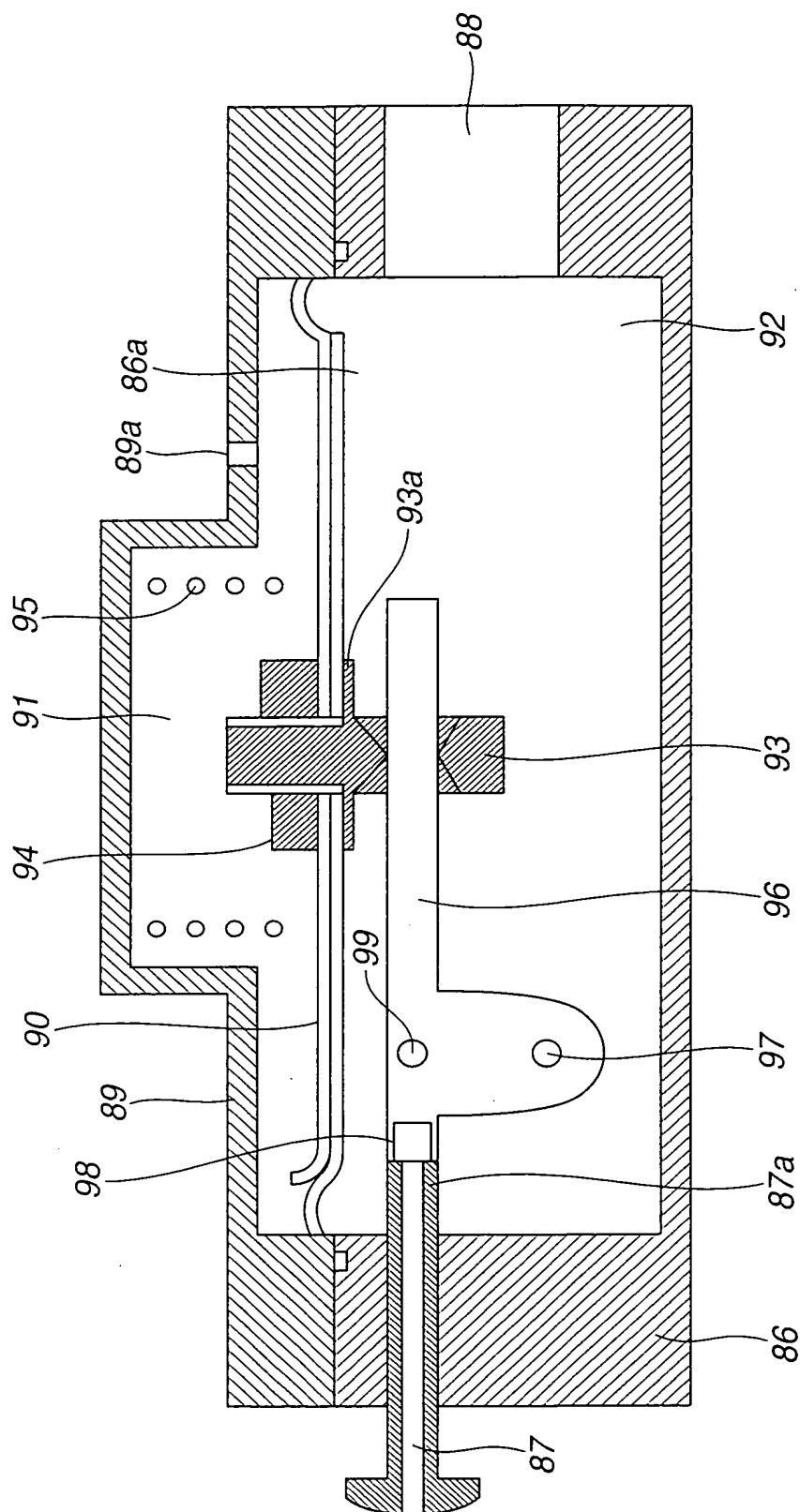


FIG.1



# FIG. 2

3/15

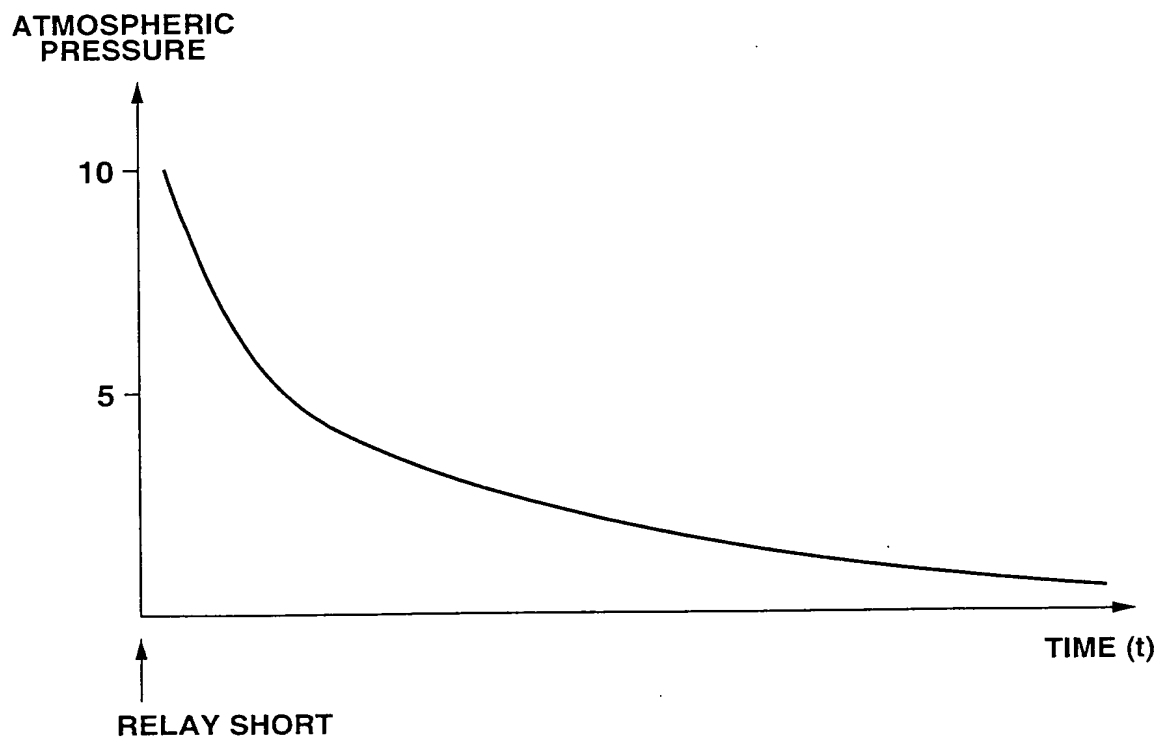


FIG.3

4/15

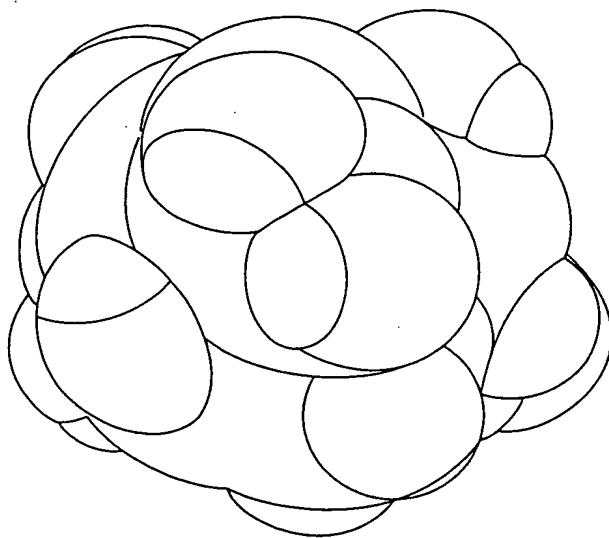


FIG.4B

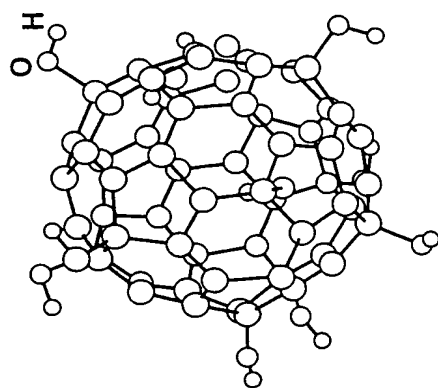
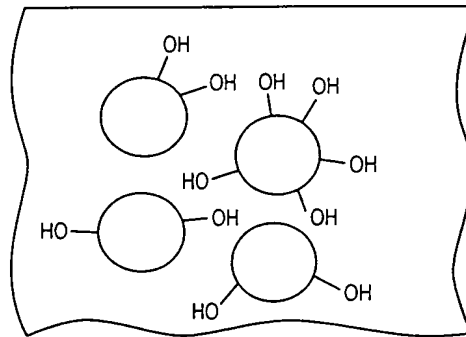
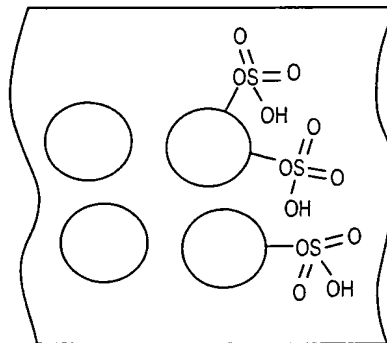
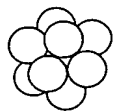
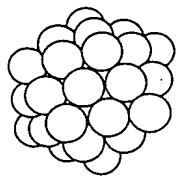
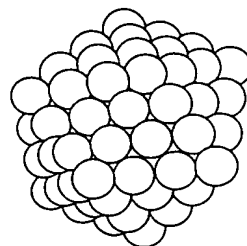
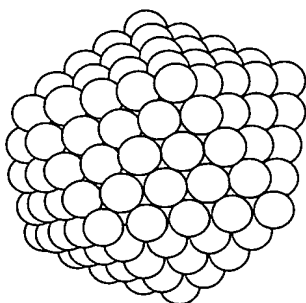
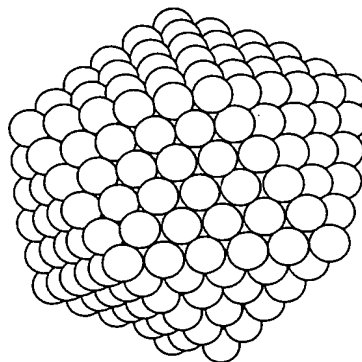
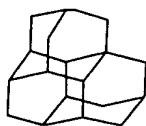
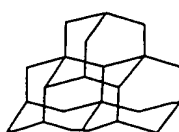
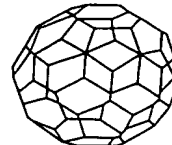
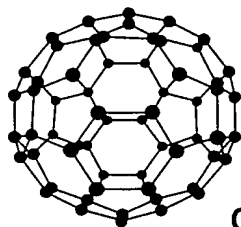
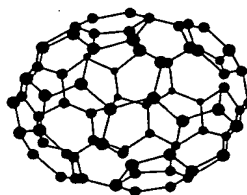
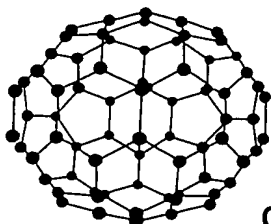
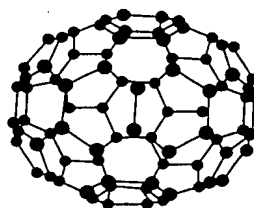


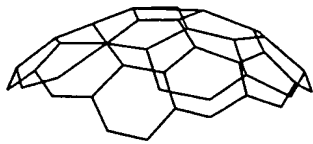
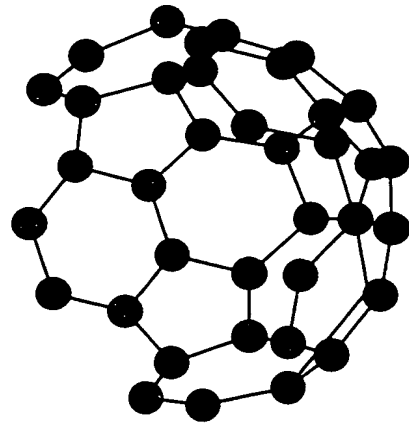
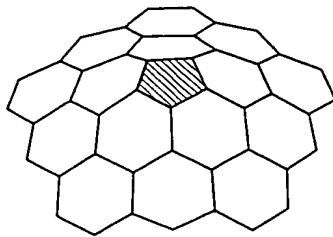
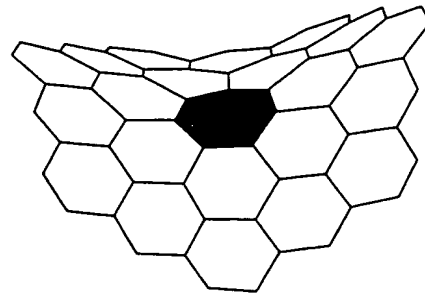
FIG.4A

5/15

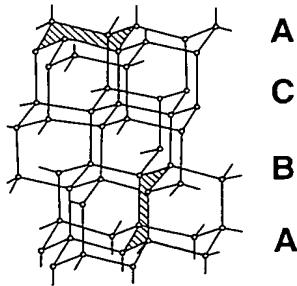
**FIG.5A****FIG.5B**

6/15

**FIG. 6A****FIG. 6B****FIG. 6C****FIG. 6D****FIG. 6E** $C_{18}H_{24}$ **FIG. 6F** $C_{20}H_{20}$ **FIG. 6G** $C_{22}H_{28}$ **FIG. 6H** $C_{60}$ **FIG. 6I** $C_{60}$ **FIG. 6J** $C_{76}$ **FIG. 6K** $C_{70}$ **FIG. 6L** $C_{78}$ **FIG. 6M**

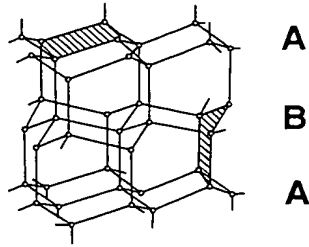
**FIG. 7A****FIG. 7B****FIG. 7C****FIG. 7D**

8/15



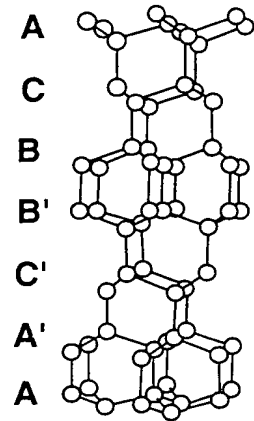
CUBIC SYSTEM  
DIAMOND

**FIG.8A**



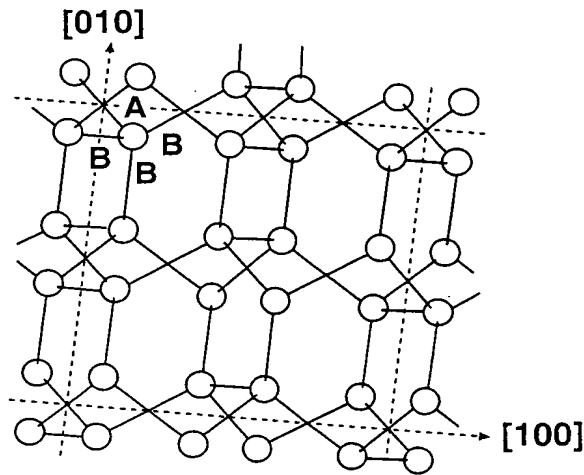
HEXAGONAL SYSTEM  
DIAMOND

**FIG.8B**

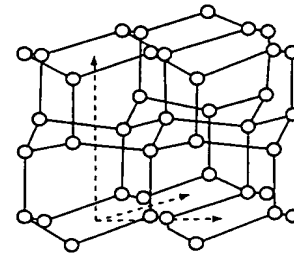


6H TYPE DIAMOND

**FIG.8C**

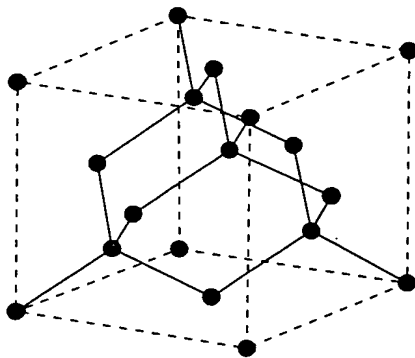


**FIG.8D**

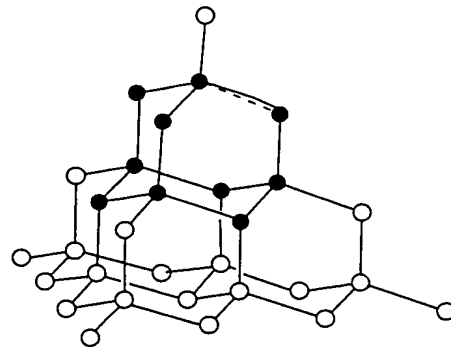


HEXAGONAL SYSTEM  
DIAMOND

**FIG.8E**



**FIG.8F**



DIAMOND

**FIG.8G**

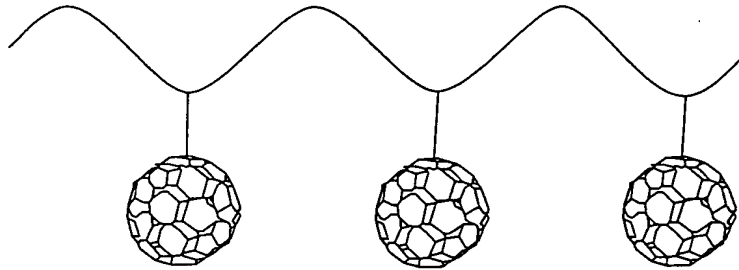


9/15

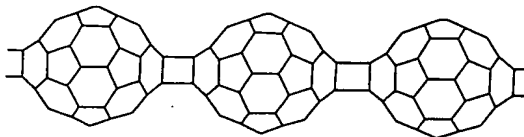


**FIG. 9A**

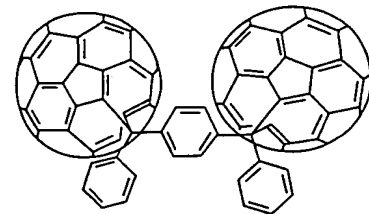
~ SHOWS A BOND CHAIN  
SUCH AS  $\{CH_2\}_n$ ,  $\{CF_2\}_n$ , etc.



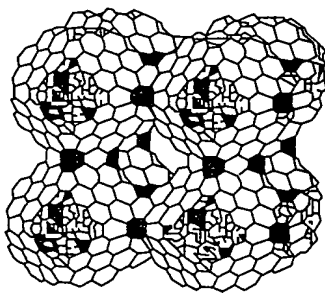
**FIG. 9B**



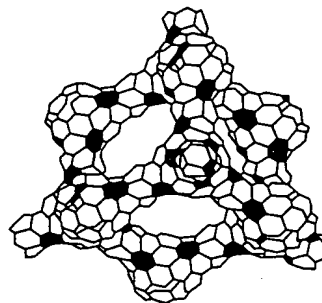
**FIG. 9C**



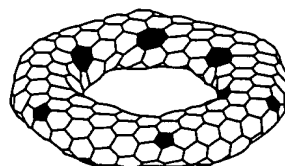
**FIG. 9D**



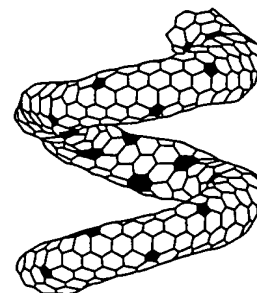
**FIG. 9E**



**FIG. 9F**

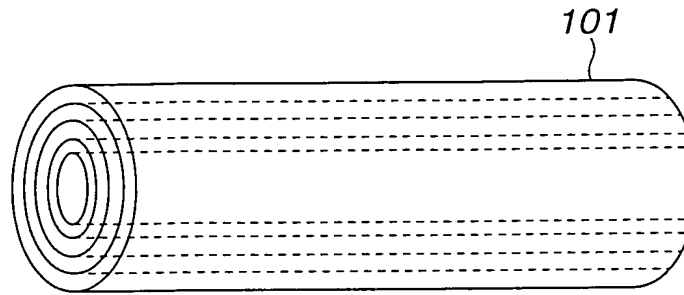


**FIG. 9G**

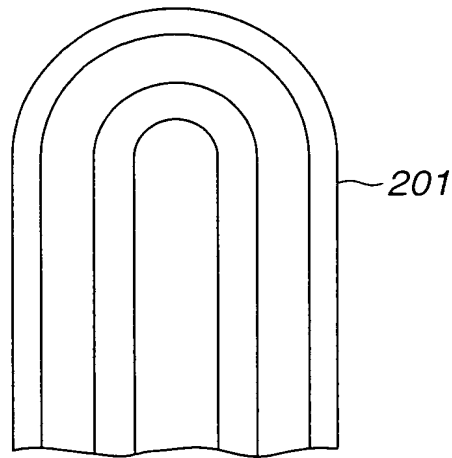


**FIG. 9H**

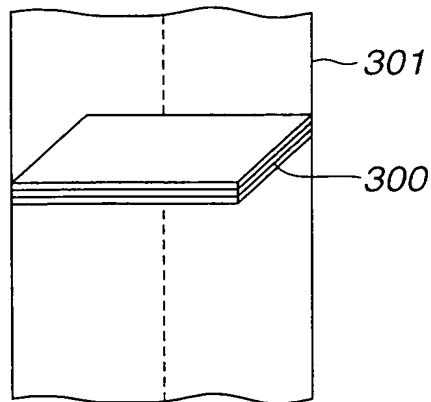
10/15



**FIG. 10A**



**FIG. 10B**



**FIG. 10C**

11/15

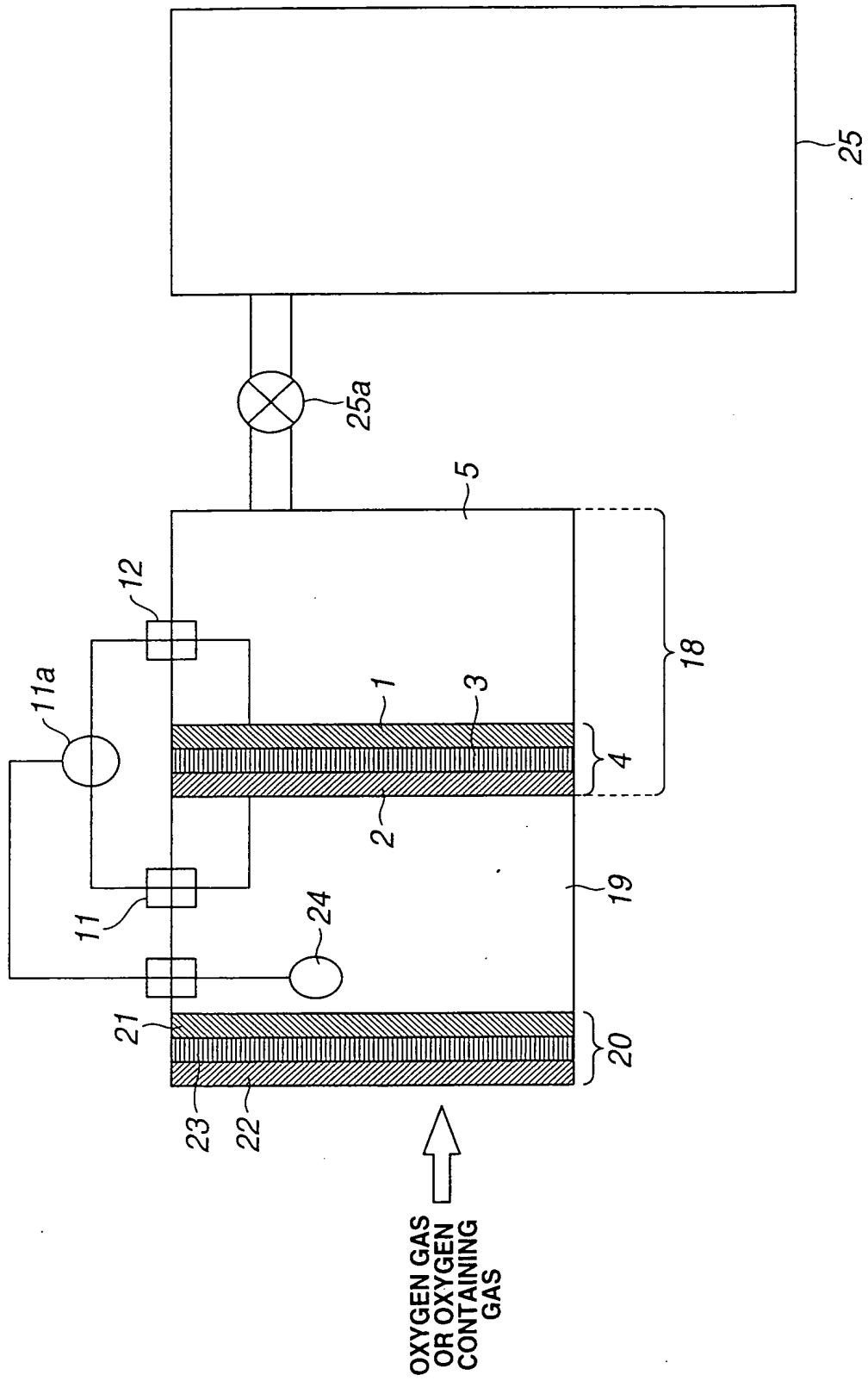


FIG.11

12/15

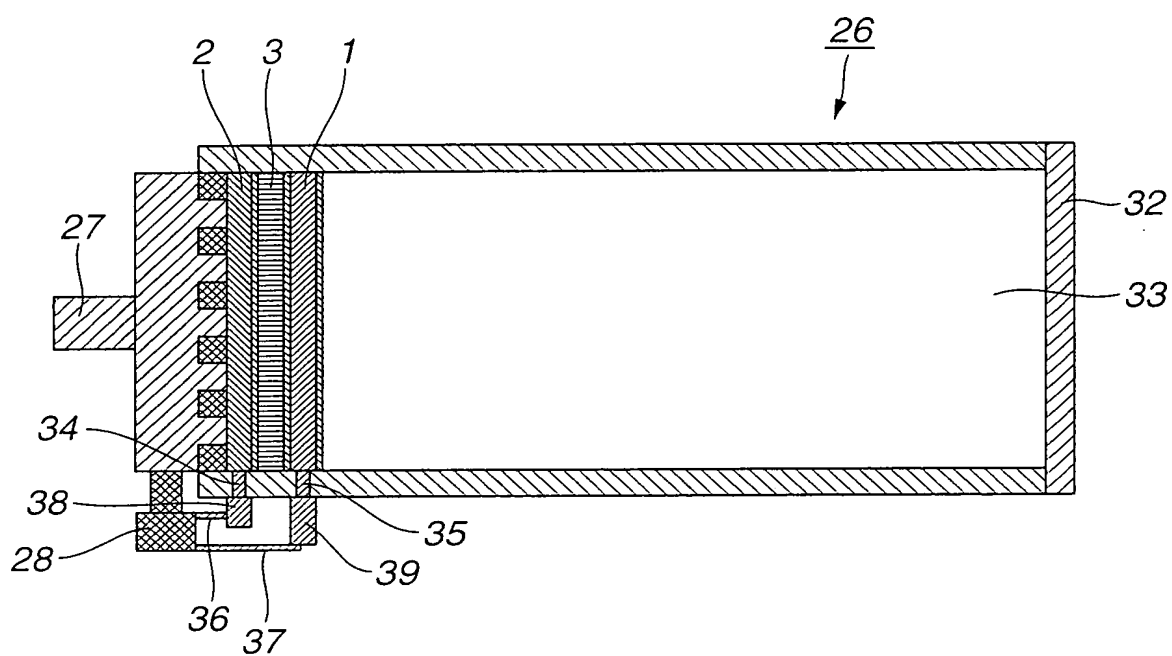
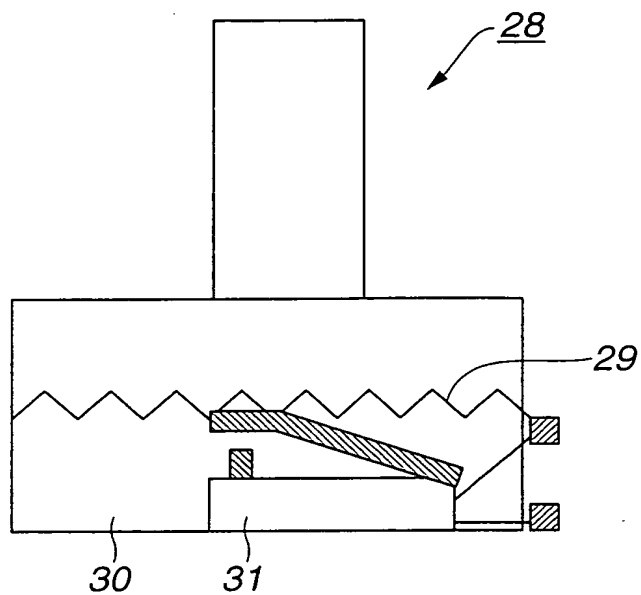
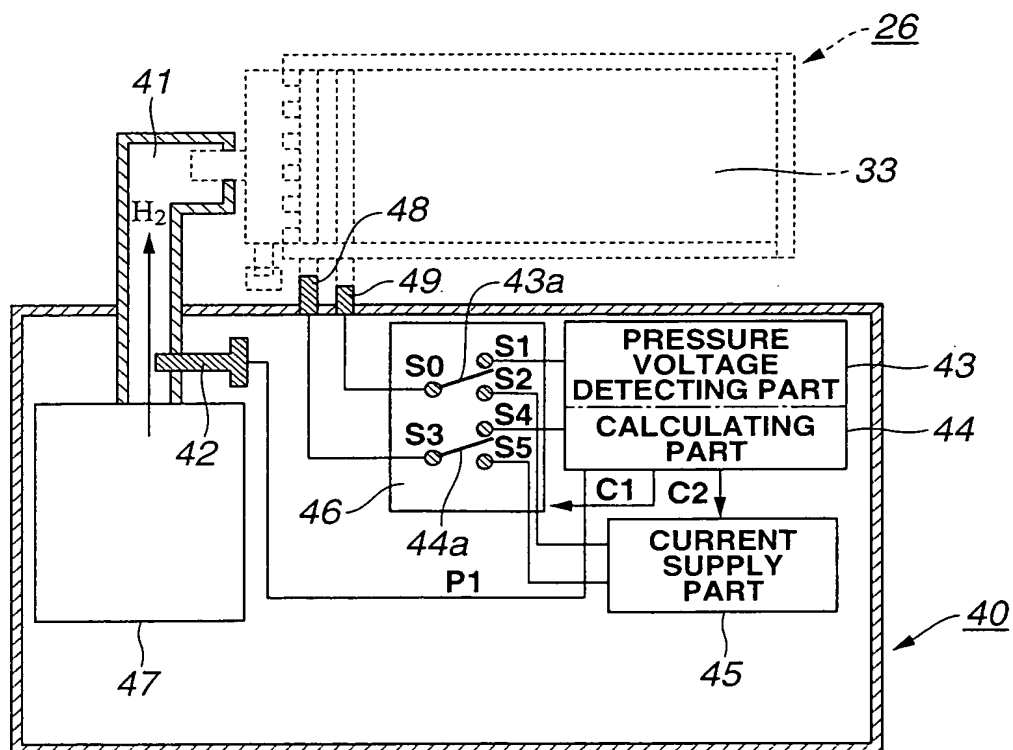


FIG.12

13/15



**FIG. 13**



**FIG.14**

14/15

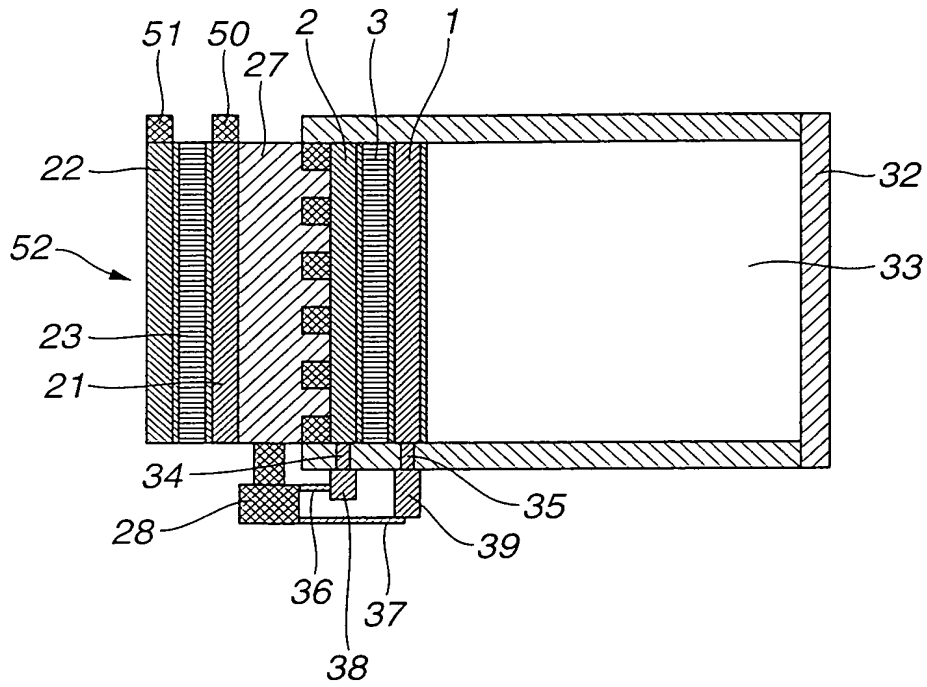


FIG. 15

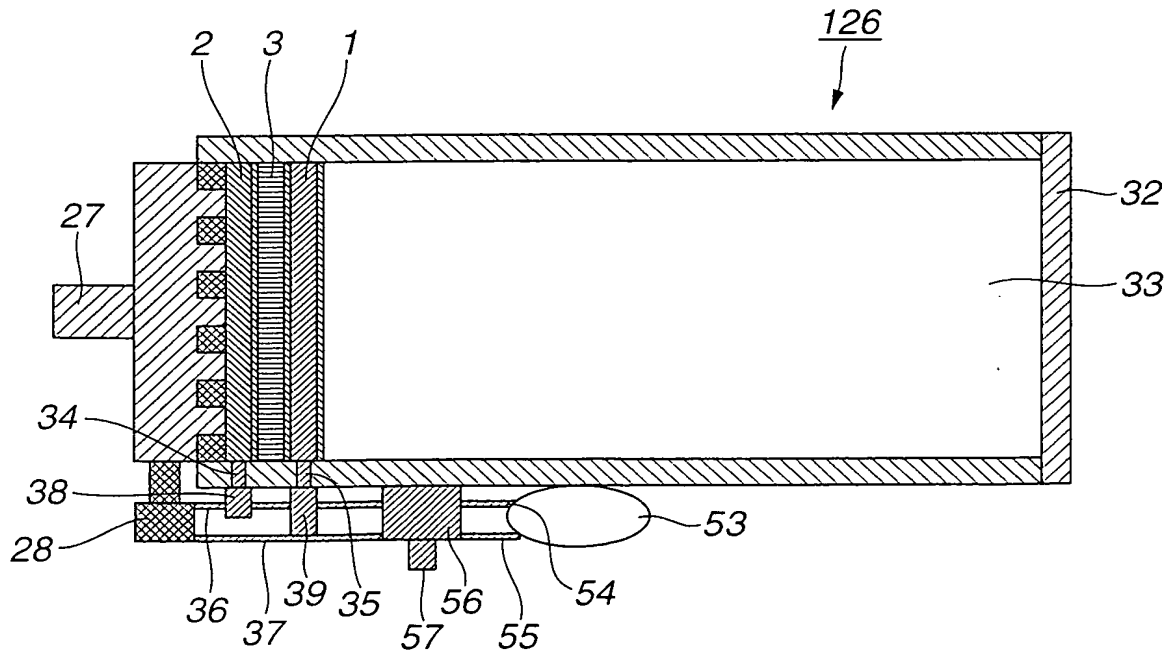
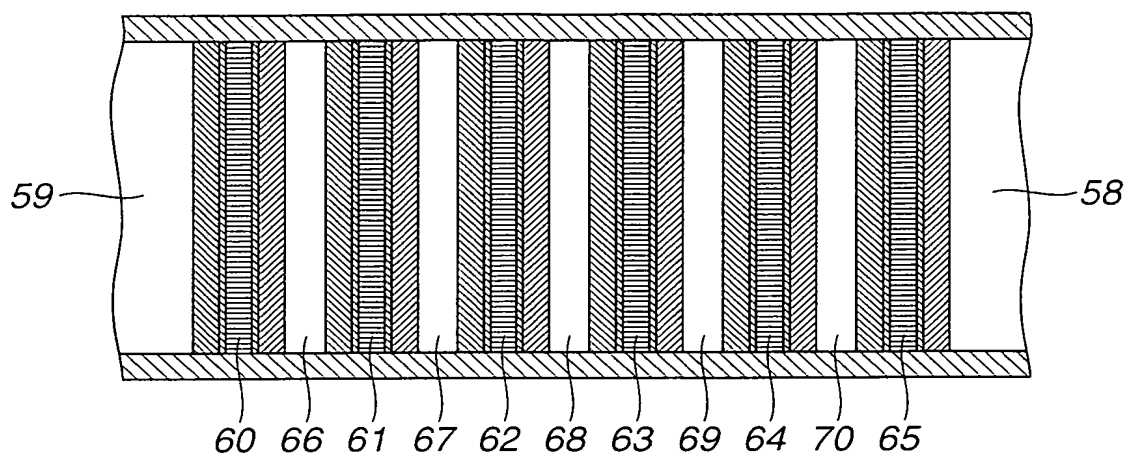
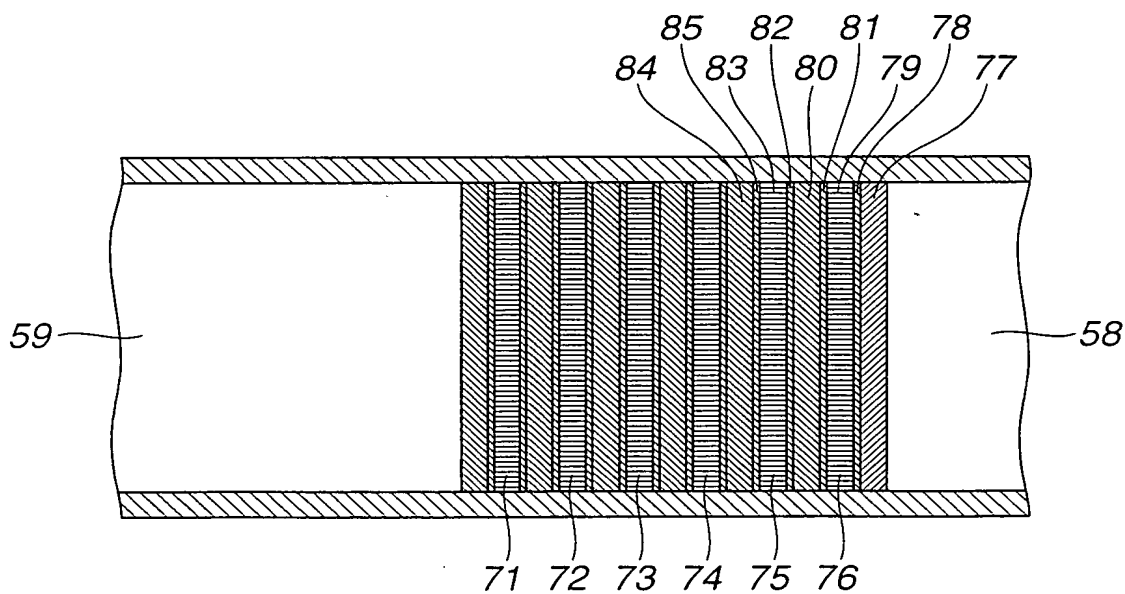


FIG. 16

15/15



**FIG. 17**



**FIG. 18**